

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I, the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RNA INTERFERENCE MEDIATED INHIBITION OF GENE EXPRESSION USING CHEMICALLY MODIFIED SHORT INTERFERING NUCLEIC ACID (siNA)

the specification of which is attached hereto unless the following space is checked:

☒ was filed on November 24, 2003 as United States Application Serial Number 10/720,448.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.			
2.			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

	<u>Application Number</u>	<u>Filing Date</u>
1.	60/358,580	02.20.02
2.	60/363,124	03.11.02
3.	60/386,782	06.06.02
4.	60/406,784	08.29.02
5.	60/408,378	09.05.02
6.	60/409,293	09.09.02
7.	60/440,129	01.15.03

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

	<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
1.	10/693,059	10.23.03	Pending
2.	10/444,853	05.23.03	Pending

3.	10/652,791	08.29.03	Pending
4.	10/422,704	04.24.03	Abandoned
5.	10/417,012	04.16.03	Abandoned
6.	PCT/US03/05346	02.20.03	Inactive
7.	PCT/US03/05028	02.20.03	Inactive
8.	PCT/US02/15876	05.17.02	Inactive

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: 020306

Principal attorney or agent: Michael S. Greenfield

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: James McSwiggen

Inventor's signature: _____

Date: 11/29/04

Residence: Boulder, Colorado

Citizenship: United States of America

Post Office Address: 4866 Franklin Drive, Boulder, Colorado 80301

Full name of second joint inventor: Bharat M. Chowrira

Inventor's signature: _____

Date: 11/9/04

Residence: Louisville, Colorado

Citizenship: United States of America

Post Office Address: 576 Manorwood Lane, Louisville, Colorado 80027

Full name of third joint inventor: Leonid Beigelman

Inventor's signature: _____

Date: 11/22/04

Residence: Longmont, Colorado

Citizenship: United States of America

Post Office Address: 5530 Colt Drive, Longmont, Colorado 80503

Full name of fourth joint inventor: Dennis Macejak

Inventor's signature: _____

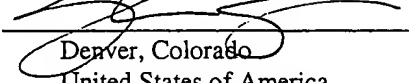
Date: _____

Residence: Arvada, Colorado

Citizenship: United States of America

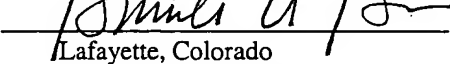
Post Office Address: 6595 Union Street, Arvada, Colorado 80004

Full name of fifth joint inventor: Shawn Zinnen

Inventor's signature: 
Residence: Denver, Colorado
Citizenship: United States of America
Post Office Address: 2378 Birch Street, Denver, Colorado 80207

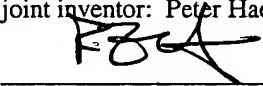
Date: 11/16/04

Full name of sixth joint inventor: Pamela Pavco

Inventor's signature: 
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 705 Bayberry Circle, Lafayette, Colorado 80026

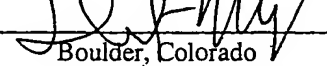
Date: 11/10/04

Full name of seventh joint inventor: Peter Haeberli

Inventor's signature: 
Residence: Berthoud, Colorado
Citizenship: United States of America
Post Office Address: 705 7th Street, Berthoud, Colorado 80513

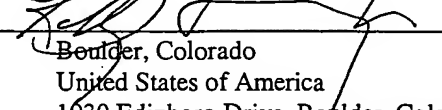
Date: 11/9/2004

Full name of eighth joint inventor: David Morrissey

Inventor's signature: 
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 4769 Tanglewood Trail, Boulder, Colorado 80301

Date: 11/10/04

Full name of ninth joint inventor: Kathy Fosnaugh

Inventor's signature: 
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 1030 Edinboro Drive, Boulder, Colorado 80305 X.7

Date: 11/9/04

Full name of tenth joint inventor: Sharon Jamison

Inventor's signature: _____
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 4985 twin Lakes Road #89, Boulder, Colorado 80301

Date: _____

Full name of eleventh joint inventor: Nassim Usman

Inventor's signature: [Signature]
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 2129 Night Sky Lane, Lafayette, Colorado 80026

Date: 19 Nov 04

Full name of twelfth joint inventor: James Thompson

Inventor's signature: _____
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 705 Barberry Circle, Lafayette, Colorado 80026

Date: _____

Full name of thirteenth joint inventor: Chandra Vargeese

Inventor's signature: [Signature]
Residence: Broomfield, Colorado
Citizenship: United States of America
Post Office Address: 14010 Westhampton Place, Broomfield, Colorado 80020

Date: 11/24/04

Full name of fourteenth joint inventor: Weiman Wang

Inventor's signature: Wang Weimin
Residence: Superior, Colorado
Citizenship: China
Post Office Address: 3122 Cimarron Place, Superior, Colorado 80027

Date: 11/29/04

Full name of fifteenth joint inventor: Tongqian Chen

Inventor's signature: [Signature]
Residence: Longmont, Colorado
Citizenship: China
Post Office Address: 2450 Airport Road Apt. 1284, Longmont, Colorado 80503

Date: 11/19/04

Full name of sixteenth joint inventor: Narendra Vaish

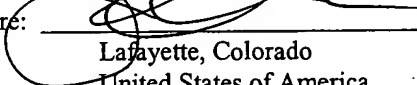
Inventor's signature: [Signature]
Residence: Denver, Colorado
Citizenship: India
Post Office Address: 1313 Williams Street #503, Denver, Colorado 80218

Date: 11/10/04

Full name of eleventh joint inventor: Nassim Usman

Inventor's signature: _____ Date: _____
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 2129 Night Sky Lane, Lafayette, Colorado 80026

Full name of twelfth joint inventor: James Thompson

Inventor's signature:  _____ Date: 12/16/04
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 705 Barberry Circle, Lafayette, Colorado 80026

Full name of thirteenth joint inventor: Chandra Vargeese

Inventor's signature: _____ Date: _____
Residence: Broomfield, Colorado
Citizenship: United States of America
Post Office Address: 14010 Westhampton Place, Broomfield, Colorado 80020

Full name of fourteenth joint inventor: Weiman Wang

Inventor's signature: _____ Date: _____
Residence: Superior, Colorado
Citizenship: China
Post Office Address: 3122 Cimarron Place, Superior, Colorado 80027

Full name of fifteenth joint inventor: Tongqian Chen

Inventor's signature: _____ Date: _____
Residence: Longmont, Colorado
Citizenship: China
Post Office Address: 2450 Airport Road Apt. 1284, Longmont, Colorado 80503

Full name of sixteenth joint inventor: Narendra Vaish

Inventor's signature: _____ Date: _____
Residence: Denver, Colorado
Citizenship: India
Post Office Address: 1313 Williams Street #503, Denver, Colorado 80218

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Customer Number: **020306**

Principal attorney or agent: Michael S. Greenfield

Telephone number: 312-913-0001

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 Citizenship: United States of America
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Inventor's signature: _____ Date: _____
 Residence: Louisville, Colorado
 Citizenship: United States of America
 Post Office Address: 576 Manorwood Lane, Louisville, Colorado 80027

Full name of third joint inventor: Leonid Beigelman

Inventor's signature: _____ Date: _____
 Residence: Longmont, Colorado
 Citizenship: United States of America
 Post Office Address: 5530 Colt Drive, Longmont, Colorado 80503

Full name of fourth joint inventor: Dennis Macejak

Inventor's signature: *Dennis Macejak* Date: 12-13-04
 Residence: Arvada, Colorado
 Citizenship: United States of America
 Post Office Address: 6595 Union Street, Arvada, Colorado 80004



Case No.: 03-465-B (400.138)

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Date: _____

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Inventor's signature: _____
Residence: Lafayette, Colorado
Citizenship: United States of America
Post Office Address: 705 Bayberry Circle, Lafayette, Colorado 80026

Date: _____

Full name of seventh joint inventor: Peter Hacberli

Inventor's signature: _____
Residence: Berthoud, Colorado
Citizenship: United States of America
Post Office Address: 705 7th Street, Berthoud, Colorado 80513

Date: _____

Full name of eighth joint inventor: David Morrissey

Inventor's signature: _____
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 4769 Tanglewood Trail, Boulder, Colorado 80301


Date: _____

Full name of ninth joint inventor: Kathy Fosnaugh

Inventor's signature: _____
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 1030 Edinboro Drive, Boulder, Colorado 80301

Date: _____

Full name of tenth joint inventor: Sharon Jamison

Inventor's signature:  _____
Residence: Boulder, Colorado
Citizenship: United States of America
Post Office Address: 4683 Devonshire Street, Boulder, Colorado 80301

Date: 01/10/05